

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 09/583,200F
Source: 1FW16
Date Processed by STIC: 1/13/06

ENTERED



IFW16

RAW SEQUENCE LISTING

DATE: 01/13/2006

PATENT APPLICATION: US/09/583,200F

TIME: 08:38:58

Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF4\01132006\I583200F.raw

3 <110> APPLICANT: Fikes, John D.
4 Sette, Alessandro
5 Sidney, John
6 Southwood, Scott
7 Celis, Esteban
8 Keogh, Elissa A
9 Chestnut, Robert
11 <120> TITLE OF INVENTION: HLA Class I A2 Tumor Associated Antigen Peptides and Vaccine
12 Compositions
14 <130> FILE REFERENCE: 2060.0150002
16 <140> CURRENT APPLICATION NUMBER: US 09/583,200F
17 <141> CURRENT FILING DATE: 2000-05-30
19 <150> PRIOR APPLICATION NUMBER: US 60/170,448
20 <151> PRIOR FILING DATE: 1999-12-13
22 <150> PRIOR APPLICATION NUMBER: US 60/141,422
23 <151> PRIOR FILING DATE: 1999-06-29
25 <150> PRIOR APPLICATION NUMBER: US 09/189,702
26 <151> PRIOR FILING DATE: 1998-11-10
28 <150> PRIOR APPLICATION NUMBER: US 09/098,584
29 <151> PRIOR FILING DATE: 1998-06-17
31 <150> PRIOR APPLICATION NUMBER: US 09/017,735
32 <151> PRIOR FILING DATE: 1998-02-03
34 <150> PRIOR APPLICATION NUMBER: US 09/016,361
35 <151> PRIOR FILING DATE: 1998-01-30
37 <150> PRIOR APPLICATION NUMBER: US 08/821,739
38 <151> PRIOR FILING DATE: 1997-03-20
40 <150> PRIOR APPLICATION NUMBER: US 60/036,696
41 <151> PRIOR FILING DATE: 1997-01-31
43 <150> PRIOR APPLICATION NUMBER: US 60/013,833
44 <151> PRIOR FILING DATE: 1996-03-21
46 <150> PRIOR APPLICATION NUMBER: US 08/589,108
47 <151> PRIOR FILING DATE: 1996-01-23
49 <150> PRIOR APPLICATION NUMBER: US 08/589,107
50 <151> PRIOR FILING DATE: 1996-01-23
52 <150> PRIOR APPLICATION NUMBER: US 08/451,913
53 <151> PRIOR FILING DATE: 1995-05-26
55 <150> PRIOR APPLICATION NUMBER: US 08/347,610
56 <151> PRIOR FILING DATE: 1994-12-01
58 <150> PRIOR APPLICATION NUMBER: US 08/205,713
59 <151> PRIOR FILING DATE: 1994-03-04
61 <150> PRIOR APPLICATION NUMBER: US 08/186,266
62 <151> PRIOR FILING DATE: 1994-01-25
64 <150> PRIOR APPLICATION NUMBER: US 08/159,339

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67 <150> PRIOR APPLICATION NUMBER: US 08/159,184
68 <151> PRIOR FILING DATE: 1993-11-29
70 <150> PRIOR APPLICATION NUMBER: US 08/103,396
71 <151> PRIOR FILING DATE: 1993-08-06
73 <150> PRIOR APPLICATION NUMBER: US 08/073,205
74 <151> PRIOR FILING DATE: 1993-06-04
76 <150> PRIOR APPLICATION NUMBER: US 08/027,746
77 <151> PRIOR FILING DATE: 1993-03-05
79 <150> PRIOR APPLICATION NUMBER: US 08/027,146
80 <151> PRIOR FILING DATE: 1993-03-05
82 <160> NUMBER OF SEQ ID NOS: 72
84 <170> SOFTWARE: PatentIn version 3.3
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88 <212> TYPE: PRT
89 <213> ORGANISM: Artificial sequence
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92 <223> OTHER INFORMATION: CEA.233V10
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97 1          5          10
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102 <212> TYPE: PRT
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114 <210> SEQ ID NO: 3
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116 <212> TYPE: PRT
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131 <213> ORGANISM: Artificial sequence
133 <220> FEATURE:
134 <223> OTHER INFORMATION: p53.25V11
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139 1          5          10

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142 <210> SEQ ID NO: 5
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144 <212> TYPE: PRT
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148 <223> OTHER INFORMATION: p53.139L2
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152 Lys Leu Cys Pro Val Gln Leu Trp Val
153 1 5
156 <210> SEQ ID NO: 6
157 <211> LENGTH: 9
158 <212> TYPE: PRT
159 <213> ORGANISM: Artificial sequence
161 <220> FEATURE:
162 <223> OTHER INFORMATION: p53.139L2B3
164 <220> FEATURE:
165 <221> NAME/KEY: misc_feature
166 <222> LOCATION: (3)..(3)
167 <223> OTHER INFORMATION: Xaa = alpha-amino butyric acid
169 <400> SEQUENCE: 6
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172 1 5
175 <210> SEQ ID NO: 7
176 <211> LENGTH: 9
177 <212> TYPE: PRT
178 <213> ORGANISM: Artificial sequence
180 <220> FEATURE:
181 <223> OTHER INFORMATION: p53.149L2
183 <400> SEQUENCE: 7
185 Ser Leu Pro Pro Pro Gly Thr Arg Val
186 1 5
189 <210> SEQ ID NO: 8
190 <211> LENGTH: 9
191 <212> TYPE: PRT
192 <213> ORGANISM: Artificial sequence
194 <220> FEATURE:
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197 <400> SEQUENCE: 8
199 Ser Met Pro Pro Pro Gly Thr Arg Val
200 1 5
203 <210> SEQ ID NO: 9
204 <211> LENGTH: 9
205 <212> TYPE: PRT
206 <213> ORGANISM: Artificial sequence
208 <220> FEATURE:
209 <223> OTHER INFORMATION: Her2/neu.369L2V9
211 <400> SEQUENCE: 9
213 Lys Leu Phe Gly Ser Leu Ala Phe Val
214 1 5

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228 1 5
231 <210> SEQ ID NO: 11
232 <211> LENGTH: 10
233 <212> TYPE: PRT
234 <213> ORGANISM: Artificial sequence
236 <220> FEATURE:
237 <223> OTHER INFORMATION: Her2/neu.773
239 <400> SEQUENCE: 11
241 Val Met Ala Gly Val Gly Ser Pro Tyr Val
242 1 5 10
245 <210> SEQ ID NO: 12
246 <211> LENGTH: 9
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251 <223> OTHER INFORMATION: Her2/neu.5
253 <400> SEQUENCE: 12
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256 1 5
259 <210> SEQ ID NO: 13
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261 <212> TYPE: PRT
262 <213> ORGANISM: Artificial sequence
264 <220> FEATURE:
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273 <210> SEQ ID NO: 14
274 <211> LENGTH: 9
275 <212> TYPE: PRT
276 <213> ORGANISM: Artificial sequence
278 <220> FEATURE:
279 <223> OTHER INFORMATION: Her2/neu.48
281 <400> SEQUENCE: 14
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287 <210> SEQ ID NO: 15
288 <211> LENGTH: 9
289 <212> TYPE: PRT
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Input Set : A:\Sequence Listing.txt

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292 <220> FEATURE:
293 <223> OTHER INFORMATION: Her2/neu.435
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301 <210> SEQ ID NO: 16
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304 <213> ORGANISM: Artificial sequence
306 <220> FEATURE:
307 <223> OTHER INFORMATION: CEA.691
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311 Ile Met Ile Gly Val Leu Val Gly Val
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315 <210> SEQ ID NO: 17
316 <211> LENGTH: 9
317 <212> TYPE: PRT
318 <213> ORGANISM: Artificial sequence
320 <220> FEATURE:
321 <223> OTHER INFORMATION: Her2/neu.369
323 <400> SEQUENCE: 17
325 Lys Ile Phe Gly Ser Leu Ala Phe Leu
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331 <212> TYPE: PRT
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334 <220> FEATURE:
335 <223> OTHER INFORMATION: MAGE3.112
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339 Lys Val Ala Glu Leu Val His Phe Leu
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343 <210> SEQ ID NO: 19
344 <211> LENGTH: 9
345 <212> TYPE: PRT
346 <213> ORGANISM: Artificial sequence
348 <220> FEATURE:
349 <223> OTHER INFORMATION: CEA.24V9
351 <400> SEQUENCE: 19
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354 1 5
357 <210> SEQ ID NO: 20
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359 <212> TYPE: PRT
360 <213> ORGANISM: Artificial sequence
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363 <223> OTHER INFORMATION: MAGE3.160
365 <400> SEQUENCE: 20
367 Leu Val Phe Gly Ile Glu Leu Met Glu Val

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 01/13/2006
PATENT APPLICATION: US/09/583,200F TIME: 08:38:59

Input Set : A:\Sequence Listing.txt
Output Set: N:\CRF4\01132006\I583200F.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:6; Xaa Pos. 3
Seq#:29; Xaa Pos. 3,7
Seq#:30; Xaa Pos. 3
Seq#:34; Xaa Pos. 3
Seq#:37; Xaa Pos. 3
Seq#:40; Xaa Pos. 3
Seq#:56; Xaa Pos. 1,5,6,8,9
Seq#:57; Xaa Pos. 1,3,5,6,7
Seq#:58; Xaa Pos. 3
Seq#:62; Xaa Pos. 3
Seq#:65; Xaa Pos. 3
Seq#:68; Xaa Pos. 3
Seq#:70; Xaa Pos. 3
Seq#:72; Xaa Pos. 3

VERIFICATION SUMMARY

DATE: 01/13/2006

PATENT APPLICATION: US/09/583,200F

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Input Set : A:\Sequence Listing.txt

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L:171 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0
L:518 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:0
L:538 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:0
L:600 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34 after pos.:0
L:648 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:0
L:696 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:0
L:946 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:56 after pos.:0
L:986 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57 after pos.:0
L:1016 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58 after pos.:0
L:1121 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:62 after pos.:0
L:1201 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:65 after pos.:0
L:1281 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:68 after pos.:0
L:1341 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:70 after pos.:0
L:1406 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:72 after pos.:0